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In the United States Patent and Trademark Office

In re Application of:  
Alberto I. Roca

Serial No. 09/358,103

Filed: 07/21/1999

For: Mutants of MAW Motifs of  
RecA Protein Homologs, Methods  
of Making Them, and Their Uses

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Group Art Unit: 1652

Examiner: R.A. Wax

Atty. Docket: ROCA-01

Applicant's First Amendment

Honorable Commissioner of Patents  
and Trademarks  
Washington, D.C. 20231

#4/Seq. Amnt Q w/disk  
Graham  
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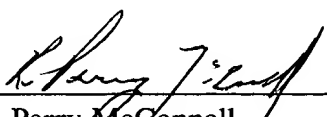
Dear Sir:

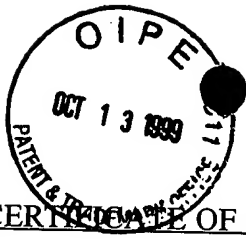
In response to the Office Communication dated 09/14/1999:

Applicant submits herewith a substitute computer readable form copy of the sequence listing, which has been revised pursuant to the referenced Office Communication, a substitute paper copy of this revised sequence listing, and the inventor's declaration that the computer readable form and paper copies of the revised listing are the same. Please amend the application by deleting the original sequence listing and inserting the revised sequence listing.

Respectfully submitted,

Date: 10/13/99

  
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Registration No. 38,239  
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The Woodlands, Texas 77380  
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CERTIFICATE OF MAILING VIA "EXPRESS MAIL" UNDER 37 C.F.R. § 1.10

I hereby certify that the above **Applicant's First Amendment** is being mailed to the Assistant Commissioner of Patents, Washington, D.C. 20231, via the United States Postal Service Express Mail, on the 13<sup>th</sup> day of October, 1999.

Express Mail No.: EJ138032898US

A handwritten signature in cursive script, appearing to read "R. H. 704", written over a horizontal line.



Application No.: 09/358,103

**NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES**

Applicant must file the items indicated below within the time period set the Office action to which the Notice is attached to avoid abandonment under 35 U.S.C. § 133 (extensions of time may be obtained under the provisions of 37 CFR 1.136(a)).

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 C.F.R. 1.821 - 1.825 for the following reason(s):

- ☐ 1. This application clearly fails to comply with the requirements of 37 C.F.R. 1.821-1.825. Applicant's attention is directed to the final rulemaking notice published at 55 FR 18230 (May 1, 1990), and 1114 OG 29 (May 15, 1990). If the effective filing date is on or after July 1, 1998, see the final rulemaking notice published at 63 FR 29620 (June 1, 1998) and 1211 OG 82 (June 23, 1998).
- ☐ 2. This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 C.F.R. 1.821(c).
- ☐ 3. A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 C.F.R. 1.821(e).
- ☒ 4. A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing."
- ☐ 5. The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A Substitute computer readable form must be submitted as required by 37 C.F.R. 1.825(d).
- ☐ 6. The paper copy of the "Sequence Listing" is not the same as the computer readable form of the "Sequence Listing" as required by 37 C.F.R. 1.821(e).
- ☐ 7. Other: \_\_\_\_\_

**Applicant Must Provide:**

- ☒ An initial or substitute computer readable form (CRF) copy of the "Sequence Listing".
- ☒ An initial or substitute paper copy of the "Sequence Listing", as well as an amendment directing its entry into the specification.
- ☒ A statement that the content of the paper and computer readable copies are the same and, where applicable, include no new matter, as required by 37 C.F.R. 1.821(e) or 1.821(f) or 1.821(g) or 1.825(b) or 1.825(d).

For questions regarding compliance to these requirements, please contact:

For Rules Interpretation, call (703) 308-4216

For CRF Submission Help, call (703) 308-4212

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